UNITED STATES PATENT AND ★★★★ TRADEMARK OFFICE

PCT OPERATIONS

FACSIMILE TRANSMISSION COVER SHEET

DATE: _May 10, 2001._

TO: _Julie_

TELEPHONE: _____

FAX NO.: _703 243-6410_
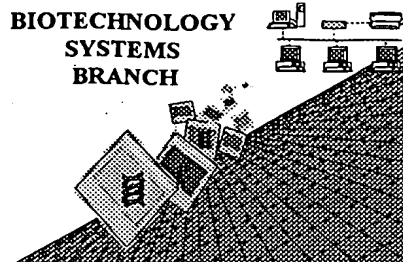
FROM: _Barbara_

TELEPHONE: _703 305·3631_

FAX NO.: _703-308-4785 OR 703-305-3230_

MESSAGE: _____

_____

_____

_____

NUMBER OF PAGES _10_ (INCLUDING THIS PAGE)

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/673,400_

Source: _PCT-09_

Date Processed by STIC: _1/23/2001_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin30help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED	**SUGGESTED CORRECTION**	**SERIAL NUMBER:** _09/673,400_

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 ____ Wrapped Nucleics
The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

2 ____ Wrapped Aminos
The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

3 ✓ Incorrect Line Length
The rules require that a line not exceed 72 characters in length. This includes spaces.

4 ____ Misaligned Amino Acid Numbering
The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
between the numbering. It is recommended to delete any tabs and use spacing between the numbers.

5 ✓ Non-ASCII
This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

6 ____ Variable Length
Sequence(s) ____ contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.

7 ____ PatentIn ver. 2.0 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) _____. Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223>
sections for Artificial or Unknown sequences.

8 ____ Skipped Sequences (OLD RULES)
Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

9 ____ Skipped Sequences (NEW RULES)
Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

10 ____ Use of n's or Xaa's (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

11 ____ Use of <213>Organism (NEW RULES)
Sequence(s) _____ are missing this mandatory field or its response.

12 ____ Use of <220>Feature (NEW RULES)
Sequence(s) ____ are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of new Rules)

13 ____ PatentIn ver. 2.0 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

AGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION **US/09/673,400**

DATE: 01/23/2001
TIME: 10:54:59

Input Set: **I673400.RAW**

> **This Raw Listing contains the General Information Section and those Sequences containing ERRORS.**

see pp 1-6

Does Not Comply
Corrected Diskette Needed

do not use foreign accent marks – they do not translate in the CRF program

1	<110> metaGen Gesellschaft f?r Genomforschung mbH
2	<120> Menschliche Nukleinsuresequenzen aus Uterusmyomgewebe
3	<130> 51584AWOMIXX24-P
4	<140> US/09/673,400
5	<141> 2000-10-17
6	<160> 55

use English when filing in the U.S.A.

IMPORTANT: see item 5 on Error Summary Sheet

:RRORED SEQUENCES FOLLOW

Per 1.822 of Sequence Rules, a MAXIMUM of 72 characters per line allowed; these go over 72 characters

7	<210> 37														
8	<211> 170														
9	<212> PRT														
10	<213> homo sapiens														
11	<400> 37														
12	Ala	Arg	Ala	Ala	Arg	Ala	Ala	Gln	Thr	Pro	His	Leu	Thr	Leu	Pro	Al
13	1				5					10					15	
14	Asp	Leu	Gln	Thr	Leu	His	Leu	Asn	Arg	Pro	Thr	Leu	Ser	Pro	Glu	Se
15				20					25					30		
16	Lys	Leu	Glu	Trp	Asn	Asn	Asp	Ile	Pro	Glu	Val	Asn	His	Leu	Asn	Se
17			35					40					45			
18	Glu	His	Trp	Arg	Lys	Thr	Glu	Lys	Trp	Thr	Gly	His	Glu	Glu	Thr	As
19		50					55					60				
20	His	Leu	Glu	Thr	Asp	Phe	Ser	Gly	Asp	Gly	Met	Thr	Glu	Leu	Glu	Le
21	65					70					75					8
22	Gly	Pro	Ser	Pro	Arg	Leu	Gln	Pro	Ile	Arg	Arg	His	Pro	Lys	Glu	Le
23					85					90					95	
24	Pro	Gln	Tyr	Gly	Gly	Pro	Gly	Lys	Asp	Ile	Phe	Glu	Asp	Gln	Leu	Ty
25				100					105					110		
26	Leu	Pro	Val	His	Ser	Asp	Gly	Ile	Ser	Val	His	Gln	Met	Phe	Thr	Me
27			115					120					125			
28	Ala	Thr	Ala	Glu	His	Arg	Ser	Asn	Ser	Ser	Ile	Ala	Gly	Lys	Met	Le
29		130					135					140				
30	Thr	Lys	Val	Glu	Lys	Asn	His	Glu	Lys	Glu	Lys	Ser	Gln	His	Leu	Gl
31	145					150					155					16
32	Gly	Ser	Ala	Ser	Ser	Ser	Leu	Ser	Ser	Asp						
33					165					170						

ee
rm 3
Error many feet
text at be
sible

-->

34	<210> 38
35	<211> 144
36	<212> PRT
37	<213> homo sapiens
38	<400> 38

next page

39		Ala	Arg	Ala	Pro	Thr	Leu	Asp	Met	Arg	Phe	Arg	Arg	Arg	Leu	Ser	Al
40		1				5					10					15	
41		Asp	Pro	His	Ala	Thr	Gln	Arg	Asn	Ser	Ala	Glu	Ala	Arg	Gly	Thr	Me
42					20					25					30		
43		Asp	Gly	Arg	Val	Gln	Leu	Met	Lys	Ala	Leu	Leu	Ala	Gly	Pro	Leu	Ar
44				35					40					45			
45		Pro	Ala	Ala	Arg	Arg	Trp	Arg	Asn	Pro	Ile	Pro	Phe	Pro	Glu	Thr	Ph
46			50				55					60					
47		Asp	Gly	Asp	Thr	Asp	Arg	Leu	Pro	Glu	Phe	Ile	Val	Gln	Thr	Cys	Se
48			65				70					75					8
49		Tyr	Met	Phe	Val	Asp	Glu	Asn	Thr	Phe	Ser	Asn	Asp	Ala	Leu	Lys	Va
--> 50						85					90					95	
51		Thr	Phe	Leu	Ile	Thr	Arg	Leu	Thr	Gly	Pro	Ala	Leu	Gln	Trp	Val	Il
52					100					105					110		
53		Pro	Tyr	Ile	Arg	Lys	Glu	Ser	Pro	Leu	Leu	Asn	Asp	Tyr	Arg	Gly	Ph
54				115					120					125			
55		Leu	Ala	Glu	Met	Lys	Arg	Val	Phe	Gly	Trp	Glu	Glu	Asp	Glu	Asp	Ph
56			130				135					140					

57	<210> 39
58	<211> 178
59	<212> PRT
60	<213> homo sapiens
61	<400> 39

62		His	Ser	Leu	Gly	Arg	Ala	Pro	Val	Glu	Thr	Leu	Ala	Val	Ala	Thr	Gl
63		1				5					10					15	
64		Thr	Ala	Asn	Ser	Ser	Gln	Ser	Thr	Arg	Pro	Gln	Ala	Arg	Gly	Ser	Pr
65					20					25					30		
66		Gly	Leu	Glu	Val	Leu	Val	Leu	Leu	Pro	Ser	Lys	Asp	Ser	Leu	His	Le
67				35					40					45			
68		Gly	Gln	Lys	Ala	Pro	Val	Ile	Ile	Glu	Gln	Gly	Ala	Leu	Leu	Pro	As
69			50				55					60					
70		Val	Gly	Asp	His	Pro	Leu	Gln	Gly	Trp	Pro	Arg	Glu	Ala	Gly	Asp	Gl
71			65				70					75					8
72		Glu	Arg	His	Leu	Gln	Gly	Val	Val	Gly	Glu	Arg	Val	Leu	Val	His	Gl
--> 73						85					90					95	
74		His	Val	Gly	Ala	Arg	Leu	His	Asp	Glu	Leu	Arg	Glu	Ser	Val	Gly	Il
75					100					105					110		
76		Ser	Val	Lys	Arg	Leu	Gly	Lys	Gly	Asn	Arg	Val	Pro	Pro	Ala	Thr	Ar
77				115					120					125			
78		Arg	Gly	Pro	Glu	Gly	Pro	Gly	Gln	Glu	Gly	Leu	His	Gln	Leu	His	Pr
79			130				135					140					
80		Thr	Val	His	Arg	Ala	Ala	Arg	Leu	Arg	Gly	Val	Ser	Leu	Gly	Cys	Va
81		145				150					155					16	
82		Gly	Val	Ser	Ala	Lys	Ala	Ser	Pro	Glu	Ala	His	Val	Glu	Gly	Gly	Gl
--> 83					165					170					175		
84		Pro	Gly

| 85 | <210> 40 |
| 86 | <211> 89 |

```
 87    <212> PRT                                    same
 88    <213> homo sapiens
 89    <400> 40
 90        Lys  Leu  Thr  Gly  Ile  Asn  Thr  Gly  Cys  Arg  Asn  Met  Leu  Ala  Leu  Cy
 91         1              5              10                      15
 92        Ile  Arg  Gly  His  Ala  Gln  Gln  Ile  Gln  Glu  Ile  Tyr  Leu  Ala  Thr  Ph
 93                       20              25                      30
 94        Ser  Arg  Lys  Gly  Thr  Leu  Gly  Ile  Ile  His  Tyr  Ile  Leu  Glu  Val  Ph
 95                  35              40                      45
 96        Leu  Gly  Phe  Phe  Phe  Phe  Phe  Leu  Arg  Gln  Ser  Cys  Cys  Ile  Ala  Gl
 97             50                      55                      60
 98        Ala  Gly  Ser  Val  Val  Ala  Gln  Ser  Gln  Leu  Ile  Ala  Ser  Ser  Ile  Th
 99         65                      70                      75                           8
100        Gln  Gly  Leu  Ser  Asn  Pro  Pro  Thr  Leu
101                            85
```

```
102    <210> 41
103    <211> 95
104    <212> PRT
105    <213> homo sapiens                           same
106    <400> 41
107        Ile  Val  Thr  Trp  Arg  Lys  Val  Pro  Met  Ser  Leu  Cys  Gln  Arg  Pro  Pr
108         1              5              10                      15
109        Pro  Phe  Val  Arg  Ile  Gly  Ile  Phe  Arg  Leu  Leu  Lys  Gly  Leu  Ala  Hi
110                       20              25                      30
111        Ile  Arg  Cys  Asp  Leu  Phe  Ile  Pro  Val  Val  Met  Glu  Gly  His  Ile  Cy
112                  35                      40                      45
113        Gln  Ser  Leu  Glu  Ser  Ala  Lys  Ala  Gly  Thr  Arg  Phe  Pro  Gly  Pro  Gl
114             50                      55                      60
115        Trp  Gly  Cys  Ala  Asn  Pro  Arg  Glu  Leu  Gly  Cys  Lys  Phe  Val  Lys  As
116         65                      70                      75                           8
117        Gln  His  His  Val  Trp  Gln  Leu  Ser  Ile  Gly  Ala  Arg  Ser  Leu  Pro
118                            85                      90                      95
```

```
119    <210> 42
120    <211> 154
121    <212> PRT
122    <213> homo sapiens                           same
123    <400> 42
124        Cys  Gln  Leu  Val  Phe  Arg  Ile  Gln  Thr  Asp  Gly  Ser  Tyr  Trp  Ser  Le
125         1              5              10                      15
126        Gly  Leu  Thr  Ser  Ser  Gly  Asn  Ile  Thr  Phe  Ser  Trp  Ala  Glu  Met  Le
127                       20              25                      30
128        Leu  Pro  Ala  Leu  Lys  Gln  His  Ser  Val  Leu  Lys  Thr  Ser  Trp  Gln  Al
129                  35                      40                      45
130        Pro  Gly  Ser  Asn  Thr  Gln  Leu  Pro  Asn  Met  Met  Leu  Ile  Leu  His  Gl
131             50                      55                      60
132        Phe  Ala  Thr  Gln  Phe  Ser  Arg  Val  Cys  Thr  Pro  Pro  Leu  Trp  Ala  Gl
133         65                      70                      75                           8
134        Glu  Pro  Gly  Pro  Gly  Leu  Arg  Arg  Leu  Gln  Ala  Leu  Ala  Asp  Val  Al
```

AGE: 4   **RAW SEQUENCE LISTING**   DATE: 01/23/2001
PATENT APPLICATION **US/09/673,400**   TIME: 10:54:59

Input Set: **I673400.RAW**

same

```
-->  135                              85                    90                    95
     136    Leu His Asn Asn Gly Asn Glu Lys Val Thr Pro Tyr Val Arg Gln Al
     137                100                   105                   110
     138    Leu Lys Glu Ser Glu Tyr Pro Asn Pro His Lys Arg Arg Gly Thr Le
     139                115                   120                   125
     140    Ala Lys Thr His Gly Asn Phe Pro Pro Ser Asn Asp Leu Asp Arg Ar
     141                130                   135                   140
     142    Ala Thr Gln Asp Ser Pro Ser Cys Ser Val
     143                145                   150
```

```
     144  <210> 46
     145  <211> 87
     146  <212> PRT                          same
     147  <213> homo sapiens
     148  <400> 46
     149    Asp Tyr Val Val Ser Leu Arg Lys Lys Phe Val Trp Gly Leu Trp Al
     150     1                   5                    10                    15
     151    Val Asn Ala Leu Gly Thr Ile Trp Lys Thr Gly Ser Cys Pro Gln Ph
     152                 20                    25                    30
     153    Leu Pro Lys Leu Asp Ser Leu Ser Gly Cys Pro Lys Ser Leu Ile Pr
     154                 35                    40                    45
     155    Gly Pro Ala Ser Pro Thr Pro Val Thr Pro Pro Pro Ala Pro Gly Pr
     156                 50                    55                    60
     157    Ser Leu His Pro Arg Ser Pro Pro Ser Gly Ala His Pro Pro Pro Gl
     158                 65                    70                    75                8
     159    Asn Ser Arg Arg Ala Ala Arg
-->  160                              85
```

```
     161  <210> 53
     162  <211> 301
     163  <212> PRT                          same
     164  <213> homo sapiens
     165  <400> 53
     166    Gly Asn Leu Tyr Pro Ser Asn Thr Met Ala Ser Asn Val Thr Asn Ly
     167     1                   5                    10                    15
     168    Thr Asp Pro Arg Ser Met Asn Ser Arg Val Phe Ile Gly Asn Leu As
     169                 20                    25                    30
     170    Thr Leu Val Val Lys Lys Ser Asp Val Glu Ala Ile Phe Ser Lys Ty
     171                 35                    40                    45
     172    Gly Lys Ile Val Gly Cys Ser Val His Lys Gly Phe Ala Phe Val Gl
     173                 50                    55                    60
     174    Tyr Val Asn Glu Arg Asn Ala Arg Ala Ala Val Ala Gly Glu Asp Gl
     175                 65                    70                    75                8
     176    Arg Met Ile Ala Gly Gln Val Leu Asp Ile Asn Leu Ala Ala Glu Pr
-->  177                              85                    90                    95
     178    Lys Val Asn Arg Gly Lys Ala Gly Val Lys Arg Ser Ala Ala Glu Me
     179                100                   105                   110
     180    Tyr Gly Ser Ser Phe Asp Leu Asp Tyr Asp Phe Gln Arg Asp Tyr Ty
     181                115                   120                   125
     182    Asp Arg Met Tyr Ser Tyr Pro Ala Arg Val Pro Pro Pro Pro Pro Il
```

PCT09

same   Input Set: **I673400.RAW**

```
      183              130                    135                    140
      184     Ala Arg Ala Val Val Pro Ser Lys Arg Gln Arg Val Ser Gly Asn Th
      185     145                    150                    155                    16
      186     Ser Arg Arg Gly Lys Ser Gly Phe Asn Ser Lys Ser Gly Gln Arg Gl
-->   187              165                    170                    175
      188     Ser Ser Lys Ser Gly Lys Leu Lys Gly Asp Asp Leu Gln Ala Ile Ly
      189              180                    185                    190
      190     Lys Glu Leu Thr Gln Ile Lys Gln Lys Val Asp Ser Leu Leu Glu As
      191              195                    200                    205
      192     Leu Glu Lys Ile Glu Lys Glu Gln Ser Lys Gln Ala Val Glu Met Ly
      193              210                    215                    220
      194     Asn Asp Lys Ser Glu Glu Glu Gln Ser Ser Ser Ser Val Lys Lys As
      195              225                    230                    235                    24
      196     Glu Thr Asn Val Lys Met Glu Ser Glu Gly Gly Ala Asp Asp Ser Al
-->   197                               245                    250                    255
      198     Glu Glu Gly Asp Leu Leu Asp Asp Asp Asp Asn Glu Asp Arg Gly As
      199              260                    265                    270
      200     Asp Gln Leu Glu Leu Ile Lys Asp Asp Glu Lys Glu Ala Glu Glu Gl
      201              275                    280                    285
      202     Glu Asp Asp Arg Asp Lys Ala Asn Gly Glu Asp Asp Ser
      203              290                    295                    300
```

```
      204     <210> 54
      205     <211> 112
      206     <212> PRT
      207     <213> homo sapiens                          same
      208     <400> 54
      209     Glu Ser Ser Ser Pro Leu Ala Leu Ser Leu Ser Ser Ser Pro Ser Se
      210       1                  5                   10                     15
      211     Ala Ser Phe Ser Ser Ser Leu Ile Asn Ser Ser Trp Ser Ser Pro Ar
      212              20                     25                     30
      213     Ser Ser Leu Ser Ser Ser Ser Ser Arg Ser Pro Ser Ser Ala Glu Se
      214              35                     40                     45
      215     Ser Ala Pro Pro Ser Asp Ser Ile Phe Thr Leu Val Ser Ser Phe Ph
      216              50                     55                     60
      217     Thr Glu Leu Leu Leu Cys Ser Ser Ser Asp Leu Ser Phe Phe Ile Se
      218       65                    70                     75                      8
      219     Thr Ala Cys Leu Leu Cys Ser Phe Ser Ile Phe Ser Arg Phe Ser Ar
-->   220                         85                     90                     95
      221     Arg Glu Ser Thr Phe Cys Phe Ile Trp Val Ser Ser Phe Leu Met Al
      222              100                    105                    110
```

```
      223     <210> 55
      224     <211> 107
      225     <212> PRT
      226     <213> homo sapiens                          same
      227     <400> 55
      228     Thr Arg Asn Leu Glu Lys Lys Lys Lys Lys Asn Phe Leu Phe Leu Ty
      229       1                  5                   10                     15
      230     Phe Ile Ile Val Tyr Phe Lys Leu Cys Phe Thr Ala Ser Ser Thr Ly
```

231			20				25				30			
232	Pro	Leu	Glu	Cys	Thr	Arg	Tyr	Ile	Phe	Leu	Gly	Val	Ile	Ile	Met	Me
233			35					40					45		
234	His	Thr	Asn	Thr	Thr	Leu	Leu	Lys	Leu	Tyr	Phe	Ile	Glu	Met	His	Va
235			50					55					60		
236	Ala	Leu	Arg	Ser	Gln	Leu	Asp	Ile	Glu	Trp	Arg	Leu	Phe	Gln	Asn	Gl
237			65					70					75			8
238	Phe	Tyr	Ile	Leu	Met	Lys	Val	Trp	Glu	Val	Tyr	Pro	Leu	Cys	Leu	Ph
--> 239						85					90				95
240	Ile	Ser	Ala	Leu	Trp	Ser	Ser	Trp	His	Pro	Phe				
241					100				105						

242
--> 243

(1 / 12) delete at end of file

```
ine  ? Error/Warning                             Original Text
----  - ---------------------------------------  ---------------------------------------
  23 E Invalid/Missing Amino Acid Numbering                          85
  33 E Invalid/Missing Amino Acid Numbering                         165
  50 E Invalid/Missing Amino Acid Numbering                          85
  73 E Invalid/Missing Amino Acid Numbering                          85
  83 E Invalid/Missing Amino Acid Numbering                         165
 101 E Invalid/Missing Amino Acid Numbering                          85
 118 E Invalid/Missing Amino Acid Numbering                          85
 135 E Invalid/Missing Amino Acid Numbering                          85
 160 E Invalid/Missing Amino Acid Numbering                          85
 177 E Invalid/Missing Amino Acid Numbering                          85
 187 E Invalid/Missing Amino Acid Numbering                         165
 197 E Invalid/Missing Amino Acid Numbering                         245
 220 E Invalid/Missing Amino Acid Numbering                          85
 239 E Invalid/Missing Amino Acid Numbering                          85
 243 E Invalid/Missing Amino Acid Numbering     12
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